

AMENDMENTS

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

- Claim 1. (Currently Amended) An apparatus for dispensing medication comprising:
- at least one canister containing the medication to be dispensed, said canister being movable in a first and a second direction;
 - a mouthpiece providing a point of dispensation for the medication from the canister to a user when the canister is moved in the first direction;
 - a switch means for completing an electrical circuit when said canister moves in said first direction and opening the electrical circuit when said canister moves in the second direction, wherein the switch means is oriented to enable operational connectivity with the canister or canister discharge and wherein the switch means is contacted by a ferrule portion of the canister in a direction substantially non-axial to the first direction;
 - a counter module for performing a count upon the closure of the electrical circuit and displaying a dispensation history of the medication in the at least one canister; and
 - a substantially air and moisture impermeable seal isolating the counter module from the mouthpiece and the canister to prevent contamination.
- Claim 2. (Original) The apparatus as recited in claim 1, wherein the dispensation history includes the number of doses of medication remaining in the canister.
- Claim 3. (Original) The apparatus as recited in claim 1, wherein the dispensation history includes the number of doses taken of a dosage sequence.
- Claim 4. (Original) The apparatus as recited in claim 1, wherein the dispensation history includes

the number of doses taken over a period of time.

Claim 5. (Original) The apparatus of claim 4, wherein the period of time can be varied by a user.

Claim 6. (Original) The apparatus of claim 1, wherein the dispensation history includes time since the last dispensation of the medication.

Claim 7. (Original) The apparatus as recited in claim 1, wherein a display portion of the counter module is on the front of the mouthpiece.

Claim 8. (Original) The apparatus as recited in claim 1, wherein a display portion of the counter module is on the back of the mouthpiece.

Claim 9. (Original) The apparatus as recited in claim 1, wherein the display portion of the counter module is on the side of the mouthpiece.

Claim 10. (Original) The apparatus of claim 1, wherein the switch means includes an electrically conductive contact imbedded in the seal.

Claim 11. (Original) The apparatus of claim 1, wherein at least portion of the counter module is disposed in the mouthpiece.

Claim 12. (Original) The apparatus of claim 1, wherein at least a portion of the counter module is disposed external to the mouthpiece.

Claim 13. (Original) The apparatus of claim 1, wherein the seal includes a ramp that acts upon the switch means when the canister is moved in the first direction.

Claim 14. (Currently amended) The apparatus of claim 1, wherein the switch means is mounted on a circuit board and is acted upon by a ferrule portion of the canister, ~~the switch means being~~ isolated from the canister by a second seal.

Claim 15. (Currently amended) The apparatus of claim 1, wherein the first seal is made of conductive material.

Claims 16-33. Cancelled.

Claim 34. (Currently Amended) An apparatus for dispensing medication comprising:

at least one canister containing the medication to be dispensed, said canister being movable in a first and a second direction;

a switch means for completing an electrical circuit when said canister moves in said first direction and opening the electrical circuit when said canister moves in the second direction;

a counter module for performing a count upon the closure of the electrical circuit and displaying a dispensation history of the medication in the at least one canister; and

a substantially air and moisture impermeable ramp seal isolating the switch means from the canister to prevent contamination, wherein the ramp seal is acted upon in a direction substantially non-axial to said first direction by ~~the canister upon~~ movement of a ferrule portion of the canister in the first direction and wherein the ramp seal acts on the switch means to close the electrical circuit.

Claim 35. (Original) The apparatus as recited in claim 34, wherein the dispensation history includes the number of doses of medication remaining in the canister.

Claim 36. (Original) The apparatus as recited in claim 34, wherein the dispensation history includes the number of doses taken of a dosage sequence.

Claim 37. (Original) The apparatus as recited in claim 34, wherein the dispensation history includes the number of doses taken over a period of time.

Claim 38. (Original) The apparatus of claim 37, wherein the period of time can be varied by a user.

Claim 39. (Original) The apparatus of claim 34, wherein the dispensation history includes time since the last dispensation of the medication.

Claim 40. (Original) The apparatus as recited in claim 34, wherein a display portion of the counter

module is on the front of the mouthpiece.

Claim 41. (Original) The apparatus as recited in claim 34, wherein a display portion of the counter module is on the back of the mouthpiece.

Claim 42. (Original) The apparatus as recited in claim 34, wherein the display portion of the counter module is on the side of the mouthpiece.

Claim 43. (Original) The apparatus of claim 34, wherein the switch means includes an electrically conductive contact imbedded in the seal.

Claim 44. (Cancelled)

Claim 45. (Original) The apparatus of claim 34, wherein the counter, and ramp seal are formed in a common component.

Claim 46. (Original) The apparatus of claim 34 further comprising a sump for a nozzle of the canister wherein said counter, ramp seal and sump are formed as a common component.

Claim 47. (Original) The apparatus as recited in claim 45 wherein the common component is injection moldable.

Claim 48. (Original) The apparatus as recited in claim 46 wherein the common component is injection moldable.

Claim 49. (Original) The apparatus as recited in claim 45 wherein the common component is adaptable to canister holders for a variety of canister shapes and sizes.

Claim 50. (Original) The apparatus as recited in claim 46 wherein the common component is adaptable to canister holders for a variety canister of shapes and sizes.

Claim 51. (Original) The apparatus of claim 34 wherein the counter is adaptable to canister holders for a variety of canister shapes and sizes.

Claim 52. (Original) The apparatus of claim 34 formed of components including a canister holder, a

canister, a mouthpiece, and a counter, wherein the counter is adaptable for use with a canister holder,

canister, and a mouthpiece of a variety of sizes and shapes.

Claim 53. (Original) The apparatus of claim 1 wherein the counter module is adaptable to canister holders for a variety of canister shapes and sizes.

Claim 54. (Original) The apparatus of claim 1 formed of components including a canister holder, a canister, a mouthpiece, and a counter, wherein the counter is adaptable for use with a canister holder, canister, and a mouthpiece of a variety of sizes and shapes.